



Lyden Oil Company

ProGuard

Product Information

ProGuard Premium CJ-4 Heavy Duty Engine Oil

ProGuard Premium CJ-4 Heavy Duty Engine Oil is a high performance multi-grade engine oil that provides excellent protection in diesel fueled engines over a wide range of operating conditions and performance demands. It is compounded with detergents, dispersants, wear control elements, anti-oxidants, corrosion inhibitors and foam suppressant additives to help prevent the development of high temperature deposits and low temperature sludge clogging, inhibit ring deposit formation, reduce engine wear associated with increased soot levels and improved oil consumption control.

ProGuard Premium CJ-4 Heavy Duty Engine Oil is suitable for use in almost all foreign and domestic diesel engines, naturally aspirated or turbocharged. It is fully compatible in newer engines equipped with exhaust gas recirculation (EGR) and diesel particulate filter (DPF) systems designed to meet tier-4 emissions standards in addition to older model engines.

ProGuard Premium CJ-4 Heavy Duty Engine Oil meets the following specifications:

API Classification CJ-4, CI-4+, CI-4/SN

Caterpillar ECF-3, ECF-2, ECF-1A

Mack EO-O Premium Plus 07

JASO DH-2 (SAE 15W-40)

International (Navistar) diesel engines

Other diesel engines where the OEM specifies API CJ-4 oil

Detroit Diesel (4 Stroke) DDC PGOS 93K218

Volvo VDS-4, VDS-3

Mercedes Benz 228.3 (SAE 15W-40)

ACEA E7 / MTU Type II

Cummins CES 20081

Typical Properties

ProGuard

Premium CJ-4 Heavy Duty Engine Oil

	10W-30	15W-40
Product Code Number	17901	17902
Viscosity, ASTM D-445		
cSt at 100 °C	12.1	15.2
cSt at 40 °C	81.3	115
Cold Cranking Simulator, cP, ASTM D-5293	6400 (at -25°C)	6200 (at -20°C)
Viscosity Index, ASTM D-2270	145	137
Flash Point, °C (°F), ASTM D-92	221 (430)	213 (415)
Pour Point, °C (°F), ASTM D-5950	-35 (-32)	-35 (-32)
API Gravity, ASTM D-4052	30.5	29.3
Total Base Number, ASTM D-974	9.4	9.5
Sulfated Ash, % wt., ASTM D-874	0.97	0.97
API Performance Category	CJ-4, CI-4+, CI-4/SN	CJ-4, CI-4+, CI-4/SN

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